

Abstract

Method of Storing Data in a Random Access Memory, and an Encryption and Decryption Device

The invention relates to a method of storing data in a random access memory and to an encryption and decryption device. According to the method of storing data in a random access memory in which data words, each comprising a predetermined number of data bits, are storable, an encryption of each data word is effected before storage whereby a permuted data word with a predetermined number of data bits is generated from each data word, or from a data word derived from this data word, by one-to-one permutation of the individual data bits using a first permutation key.